



## Premium Jackup

### General Description

<b>Classification</b> .....	ABS, A1 Self-elevating Drilling Unit.
<b>Flag</b> .....	Marshall Islands.
<b>Overall Dimensions (Hull)</b> .....	306 ft. long x 300 ft. wide x 36 ft. deep.
<b>Legs</b> .....	3 x 647 ft. long, triangle.
<b>Gear Unit Height</b> .....	51 ft.
<b>Longitudinal Leg Centers</b> .....	189 ft.
<b>Transverse Leg Centers</b> .....	218 ft.
<b>Drafts</b> .....	31.95 ft. load line draft.
<b>Accommodation</b> .....	118 persons.
<b>Displacement</b> .....	66,856.9 kips operating.
<b>Variable Deck</b> .....	8,541 kips operating / 5,9047 kips transit.
<b>Transit Speed</b> .....	average 2.5 - 3 knots (min. 21,000 bhp combined bollard pull).
<b>Operating Water Depth</b> .....	550 ft.
<b>Maximum Drilling Depth</b> .....	35,000 ft.

### Drilling Equipment

<b>Derrick</b>	Woolslayer 1563-D 170 ft. base, 40 ft. X 40 ft. crown.
<b>Hookload Capacity</b>	2,500,000 lbs. on 16 Lines static hook load capacity.
<b>Top Drive</b>	National PS-2 750A rated 1,500 hp AC motor, continuous at 198 rpm.
<b>Cantilever / Drill Floor</b>	85 ft aft of Transom.
<b>Travelling Block</b>	LEWCO TB 1250 Ton.
<b>Crown Block</b>	Woolslayer, Rated Capacity 2,500,000 lbs.
<b>Drawworks</b>	LEWCO 4500, Driven by (3) 1,500 hp AC Motors with 2 - inch Drill Line.
<b>Auxiliary Brake</b>	NOV Baylor 15050.
<b>Rotary Table</b>	LEWCO D495, 49.5 inch, Rated Capacity 1250 Ton.
<b>Cementing Eqpt.</b>	Halliburton HCS Advantage Skid. Pressure rating 15,000 lbs working pressure with 2 triplex pumps.
<b>Torque Wrench</b>	Varco ST-120 Torque Wrench, size 3-1/2" to 10" & size 4" to 10" Spinning Wrench.

### Mud System

<b>Mud Pumps</b>	(3) Letourneau Ellis William W-3000, Triplex. (2) Letourneau DC Motors, power rating 1500 hp.
<b>HP Mud System</b>	Rated for 7,500 psi.
<b>Mud Pits</b>	5,307 bbls + 2,500 bbls Reserve Mud Tank
<b>Mud Mixing Pumps</b>	(4) Halco 2500 Supreme, 100 hp, 1,200 rpm
<b>Desanders &amp; Desilters</b>	(1) Derrick DSV-10-3 (2) Derrick D-RND-CMS-04-20.
<b>Degasser</b>	(1) Derrick Vacu Flo 1200 gpm.
<b>Mud Processing Pumps</b>	(3) Lewco W-3000, driven by LTI 1,500 hp DC motors
<b>Shale Shakers</b>	(6) Derrick FLO-Line Cleaners 2000-4 panels.

### Storage Capacities

<b>Fuel Oil</b> .....	4,688 bbls.
<b>Liquid Mud</b> .....	8,027 bbls total (4 pits + 1 slug pits).
<b>Base Oil</b> .....	7,96 bbls.
<b>Drill Water</b> .....	11,696 bbls (incl. combo tanks).
<b>Potable Water</b> .....	1,865 bbls.
<b>Bulk Material</b> .....	(mud + cement) 22,440 cu.ft.
<b>Sack Storage</b> .....	2,307 sq. ft.
<b>Maximum Drilling Payload</b> .....	11,438,000 lbs.
<b>Sand Traps</b> .....	3,36 bbls.
<b>Pipe Storage (Main)</b> .....	5,500 sq. ft. x 7ft. high.
<b>Pipe Storage (Cantilever)</b> .....	3,500 sq. ft. x 7ft. high.

### BOP & Well Control

<b>BOP Rams</b>	(2) Cameron-18-3/4", 15k Type TL double, B.O.P. w/ (3) 1/16" 15k outlets.
<b>BOP Annular</b>	(1) 18-3/4", 10k Hydril.
<b>BOP Handling</b>	(2) JD Neuhaus, Pneumatic Chain Hoist 118 Ton each hoist. (4) Church Oil Tools Hydraulic Hoisting Cylinders 100 Ton each hoist.
<b>Diverter</b>	ABB Vetco Gray, KFDJ Model 'J' 500 psi, 49-1/2" max. bore.
<b>Control Unit</b>	3K psi BOP Control Unit (80) 15 gal. bottles with reservoir tank capacity 1,500 gal.
<b>Choke Manifold</b>	(30) EEC/HPT Manual Gate 3/16" rated pressure 15k psi. (1) EEC/HPT Gate 3/16" rated 15k psi. (4) EEC/HPT Manual Gate 3/16" rated pressure 10k psi.

### Power & Machinery

<b>Main Power</b>	(6) Caterpillar 3516BHD V16, diesel engines rated at 2150 hp. (6) KATO OQ626091 Generator Horizontal Synchronous AC type rated 600v.
<b>Emergency Power</b>	(1) Caterpillar 3516B HD V16, rated 2150 hp. (6) KATO OQ626091 Generator rated 1604 hp.
<b>Power Distribution</b>	Letourneau Inc SCR System 2800; rated 750 DC.

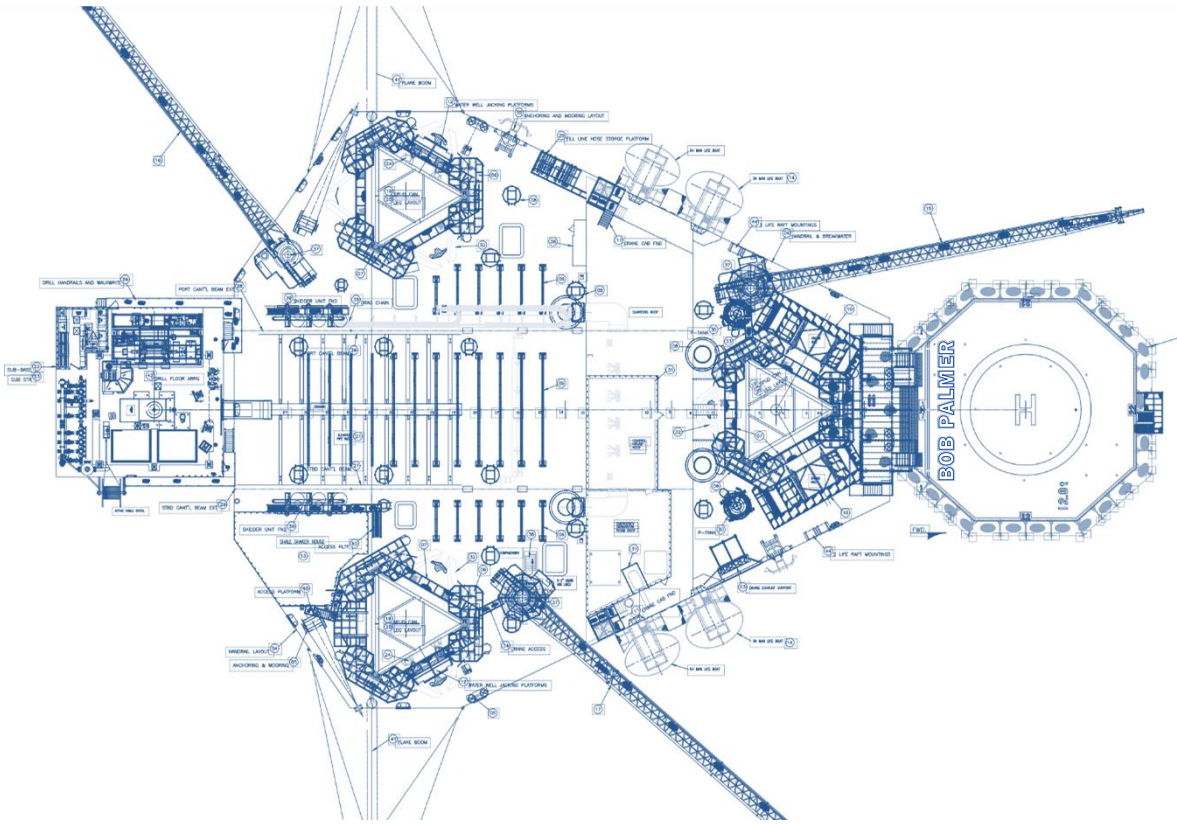
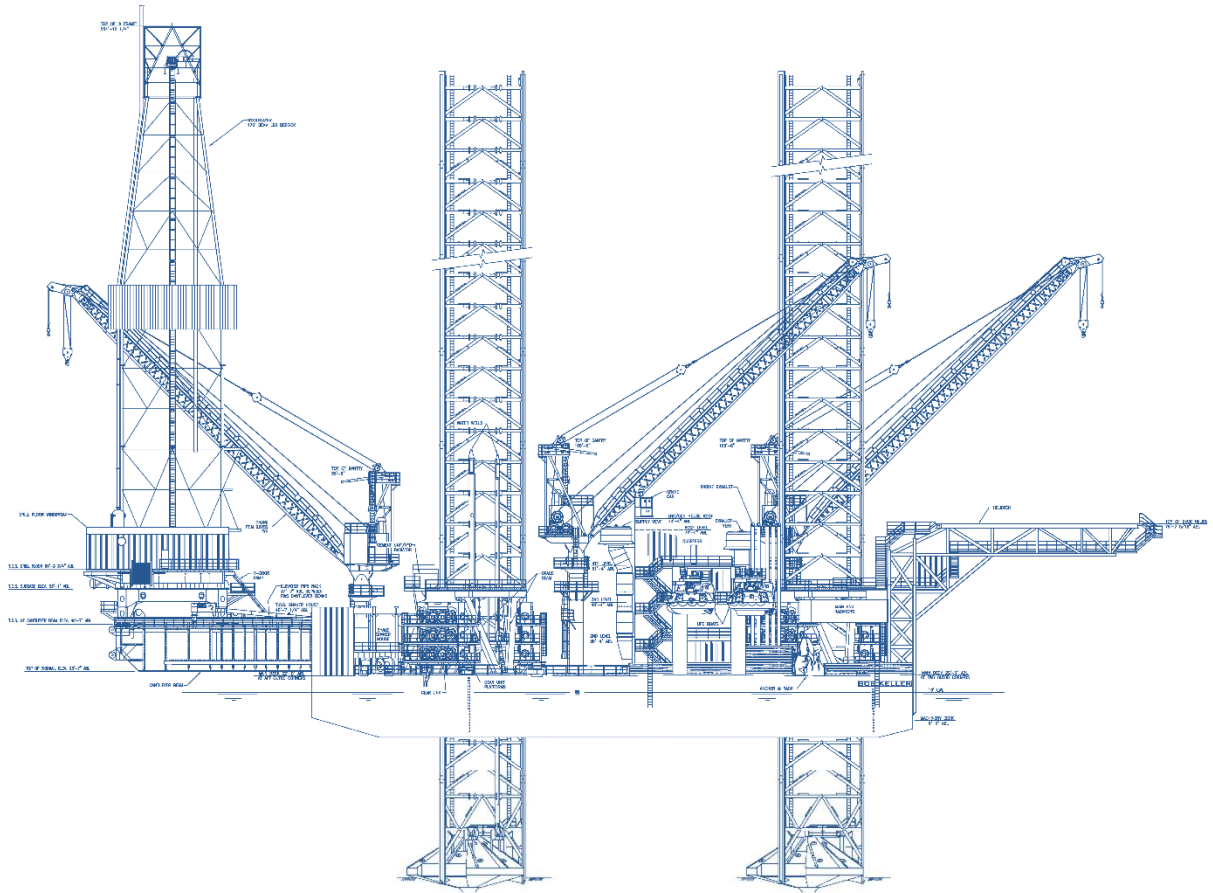
### Cranes

<b>Deck Cranes</b>	(4) Letourneau PCM-350SS, 123.5 ft boom length. (4) Letourneau PCM-120SS, 100 ft boom length.
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### Special Features & Other Information

<b>Helideck</b>	Sikorsky S-61N / S-92 helicopters (Aviation Spec. CAP 437).
<b>Jacking</b>	8 pinions per chord, 3 x chords per leg, 659 kips per pinion for normal operation and 925 kips per pinion for normal Jacking.





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